Title: Medical Research Scientist

Based at: Health Analytics, LLC, Columbia, MD

Job purpose: The primary purpose of the **Medical Research Scientist** position is to conduct scientific activities within Health Analytics including survey research, randomized trials, pharmaco-economic research, and other types of studies and other investigations. This person is responsible for the scientific integrity of all his/her portfolio of health care studies and projects. Activities that fall under his/her oversight include: literature searches; study design; questionnaire identification and/or development; data dictionary and business specifications, analysis of study data, summarize results, and appropriately document all client billable activity. In addition, the candidate will collaborate with the Operations Department and Translational Sciences Department to implement studies, collect relevant data, perform all planned statistical analyses, design client deliverables, and incorporate results into the HA library of accumulated intelligence. All activities will be performed under the auspices of the Chief Scientific Officer.

The **Medical Research Scientist** will write proposals, deliverables, manuscripts, as well as internal documents as directed. Competitive candidates will provide evidence of prior experience in each of the core activities as well as a strong desire to help grow the company both in terms of the number of projects as well as scientific and TSO capabilities. A strong analytic background with experience developing and testing the fit of complex statistical models as well as interpretation of results in common language is essential as is the ability to write clearly on or near the first draft of a manuscript or other technical or scientific document. Ability to understand and write SPSS or SAS/STATA control code and provide mentorship to data analytic staff is important. Demonstrable experience interpreting SPSS or SAS/STATA results is essential. The candidate will co-manage the research project teams that minimally include a Project Manager, Research Assistant(s), Data Analyst, and Health Communications Specialist.

Key responsibilities and accountabilities:

1. Independently design, implement, and conduct research studies
2. Independently design and execute Statistical Analysis Plans
3. Independently interpret results of all planned statistical analyses and develop research reports
4. Independently maintain knowledge base of relevant scientific literature in areas of interest to HA
5. Collaborate on proposal writing teams
6. Collaborate on product development teams
7. Perform client scientific consulting duties as assigned
8. Participate in project-specific and company-wide meetings
9. Present an appropriately professional image; communicate clearly, concisely and diplomatically
10. Demonstrate efficiency, productivity, attention to detail, strong organizational skills and accuracy
11. Strong written and oral communication skills
12. Pro-active, resourceful, and self-directed
13. Other company activities as needed

In addition, the **Medical Research Scientist** is expected to define problems, select methods of approach, write a "Scope of Work" document, interpreting data and publish results. Analyze theories and research findings.

COMPETENCY

Computer competency: MS Office Products; SPSS/SAS/STATA

Excellent written and verbal communication skills

Ability to carry out assignments independently

Attention to detail and a strong appreciation for accuracy

Conversant with healthcare or life-science research, healthcare systems and business issues

EDUCATION and/or EXPERIENCE

PhD or equivalent degree in life sciences that might include public health, health education, psychology, medicine, or other health/science discipline; supplemented with a strong interest in translational science activities. A terminal master's degree with significant experience as scientist on health care projects will be considered.